

Safety data sheet

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: Blücher Europipe

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems

1.3. Details of the supplier of the safety data sheet

Supplier: Blücher Metal A/S
Pugdølvej 1
7480 Vildbjerg
Denmark
Tel: +45 99 92 08 00
WWW: www.blucher.dk

1.4. Emergency telephone number

0870 600 6266 (UK only) Only available to health professionals.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD-classification:

CLP-classification:

The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

Most serious harmful effects:

According to REACH the product is an article and thus not subject to the requirements for at safety data sheet. The article does not pose any chemical danger.

2.2. Label elements

The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

Supplemental information:

According to REACH the product is an article and thus not subject to the requirements regarding labelling.

2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/EC Number	Substance	DSD-classification/ CLP-classification	w/w%	Note
.	7440-02-0	Nickel	Carc. Cat. 3;R40 T;R48/23 R43	5-15	.
.	231-111-4	.	Carc. 2;H351 STOT RE 1;H372	.	.
.	.	.	Skin Sens. 1;H317	.	.
.	1314-13-2	Zinc oxide	N;R50/53	<2,5	.
.	215-222-5	.	Aquatic Acute 1;H400 Aquatic Chronic 1;H410	.	.
.	95-33-0	N-cyclohexylbenzothiazole-2-	R43 N;R50/53	<2,5	.
.	202-411-2	sulphenamide	Skin Sens. 1;H317 Aquatic Acute 1	.	.
.	.	.	;H400 Aquatic Chronic 1;H410	.	.

Please see section 16 for the full text of R-phrases and H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Not relevant as the product is an article.
Ingestion:	Not relevant as the product is an article.
Skin:	Not relevant as the product is an article. Wash skin with soap and water.
Eyes:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed

The article does not pose any chemical danger.

4.3. Indication of any immediate medical attention and special treatment needed

No special immediate treatment required. Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

5.3. Advice for firefighters

No special requirements.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No special requirements.

For emergency responders: No special requirements.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

6.4. Reference to other sections

See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No special requirements.

7.2. Conditions for safe storage, including any incompatibilities

No special storage requirements.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Legal basis: EH40/2005 Workplace exposure limits. Last amended December 2011.

Contains no substances subject to reporting requirements.

8.2. Exposure controls

Appropriate engineering controls: No special requirements.

Personal protective equipment,
eye/face protection: Not required.

Personal protective equipment,
skin protection: Not required.

Personal protective equipment,

respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid substance
Colour: Silver
Odour: Odourless
Odour threshold: Not applicable.
pH (solution for use): Not applicable.
pH (concentrate): Not applicable.
Melting point/freezing point: Not applicable.
Initial boiling point and boiling range: Not applicable.
Flash point: Not flammable.
Evaporation rate: Not applicable.
Flammability (solid, gas): Not flammable.
Upper/lower flammability limits: Not applicable.
Upper/lower explosive limits: Not applicable.
Vapour pressure: Not applicable.
Vapour density: Not applicable.
Relative density: No data
Solubility: Not applicable.
Partition coefficient n-octanol/water: Not applicable.
Auto-ignition temperature: Not spontaneously flammable
Decomposition temperature: Not applicable.
Viscosity: Not applicable.
Explosive properties: Non-explosive
Oxidising properties: Non-oxidising.

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

No risk of hazardous reactions.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral: The product does not have to be classified. Test data are not available.

Acute toxicity - dermal: The product does not have to be classified. Test data are not available.

Acute toxicity - inhalation: The product does not have to be classified. Test data are not available.

Skin corrosion/irritation: The product does not have to be classified. Test data are not available.

Serious eye damage/eye irritation: The product does not have to be classified. Test data are not available.

Respiratory sensitisation or skin: May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and

sensitisation:	ulceration – often slowly developing.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product contains at least one substance that is suspected of being carcinogenic. The ingredients are chemically bound which means they cannot be absorbed in the body.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

The product does not have to be classified. Test data are not available.

12.2. Persistence and degradability

Not expected to be biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

Solid immobile mass.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid unnecessary release to the environment. Contact the local authorities.

EWC code: Depends on line of business and use, for instance 17 04 05 iron and steel

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods.

14.1. UN number

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14.2. UN proper shipping name

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14.3. Transport hazard class(es)

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14.4. Packing group

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14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions:

None.

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Abbreviation explanations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Classification method:

Calculation based on the hazards of the known components.

R-phrases:

R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.
R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H-phrases:

H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Training:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Any substances from the candidate list (SVHC), regulation 1907/2006/EC article 59 will be mentioned in section 3 with note 14.

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